

# Service Manual

Telephone Equipment

KX-TS80SPW KX-TS85ALW  
 KX-TS85EXW KX-TS85GB  
 KX-TS85GW KX-TS85SPW

**Supplement-1**

**Data Port**

**Black Version**

**White Version**

(for Europe)

(for Australia)

Please use this manual together with the original service manuals mentioned below .

## **⚠ WARNING**

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

## **CHANGES**

**This supplement has been issued for change the part No. of ROM and Electrical parts and Accessories.**





Model No.	Order No.	Sup. No.	Country
KX-TS80SPW	KM49911511A2	1	Spain
KX-TS85ALW	KM49912542A3	1	Australia
KX-TS85EXW	KM40003599A2	1	Europe
KX-TS85GB/KX-TS85GW	KM49910489C2	1	Germany
KX-TS85SPW	KM49911510A2	1	Spain

**Panasonic**

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# KX-TS80SPW/KX-TS85ALW/KX-TS85EXW/KX-TS85GB/KX-TS85GW/KX-TS85SPW

## REPLACEMENT PARTS LIST

Reason for Change		The following reasons (1-8) are indicated in the Note below.	
1. Improve performance			
2. Change of material or dimension			
3. To meet approved specification			
4. Standardization			
5. Addition			
6. Deletion			
7. Correction			
8. Other			
Interchangeability Code		The following interchangeabilities (V-Z) are indicated in the Note below.	
Parts	Set Production	Description	
V Original New		Early (before change) Late (after change)	Original or new parts may be used in early or late production sets. Use original parts until exhausted, then stock new parts.
W Original New		Early (before change) Late (after change)	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
X Original New		Early (before change) Late (after change)	New parts may only be used in early or late production sets. Stock new parts.
Y Original New		Early (before change) Late (after change)	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
Z Other			

### (KX-TS80SPW)

Ref. No.	Part No.		Part Name & Description	Pcs/ Set	Implementation	Suffix	Notes	
	Original	Supplement-1						
Base Unit								
L5	PQLQXE122J	-----	Coil	0	Jan. '2000	A	1	
R57	PQ4R10XJ000	-----	Resistor, 0Ω S	0	1'st lot	A	7	
LED101	-----	PQVDSML210LT	LED	1	Mar. '2000	A	1	X

Reason for Change

Interchangeability Code

### (KX-TS85ALW)

Ref. No.	Part No.		Part Name & Description	Pcs/ Set	Implementation	Suffix	Notes	
	Original	Supplement-1						
Base Unit								
L5	PQLQXE122J	-----	Coil	0	Jan. '2000	A	1	
C16	PQCUV1H102J	-----	Capacitor,0.001μF S	0	1'st lot	A	7	
R16	PQCUV1H562KB	-----	Capacitor,0.0056μF	0	1'st lot	A	7	

Reason for Change

Interchangeability Code

### (KX-TS85GB/KX-TS85GW)

Ref. No.	Part No.		Part Name & Description	Pcs/ Set	Implementation	Suffix	Notes	
	Original	Supplement-1						
Base Unit								
PCB1	PQWP1TS85GW	PQWP1TS85GWH	Main P.C.Board Ass'y (RTL)	1	1'st lot	A	7	X
IC2	PQWITS85GW	PQWITS85GWH	IC Ass'y	1	1'st lot	A	7	X
D9	MA4036	MA4039	Diode (Si) *1	1	Nov. '99	A	1	X
R4	PQ4R10XJ184	PQ4R10XJ334	Resistor, 330kΩ S *1	0	Nov. '99	A	1	X
L5	PQLQXE122J	-----	Coil	0	Jan. '2000	A	1	

Reason for Change

Interchangeability Code

Notes: 1. Parts with \*1 marking have been changed at the same time.

(KX-TS85EXW)

Ref. No.	Part No.		Part Name & Description	Pcs/ Set	Implementation	Suffix	Notes	
	Original	Supplement-1						
Accessories								
A6	-----	PQJA87S	Tel Cord	1	1'st lot	A	1	X
A7	-----	PQKL24Y81	Stand	1	1'st lot	A	7	X
Base Unit (Main P.C.Board Parts)								
C29	ECEA0JKA221	ECEA0JKA101	Capacitor,100μF	1	May. '2000	A	1	X
Base Unit (Operation P.C.Board Parts)								
Q1	2SB1209	-----	Transistor (Si)	0	1'st lot	A	7	
Q101	-----	2SD1819A	Transistor (Si)	1	1'st lot	A	7	X

Notes: A6 is for United Kingdom only.

Reason for Change \_\_\_\_\_  
Interchangeability Code \_\_\_\_\_

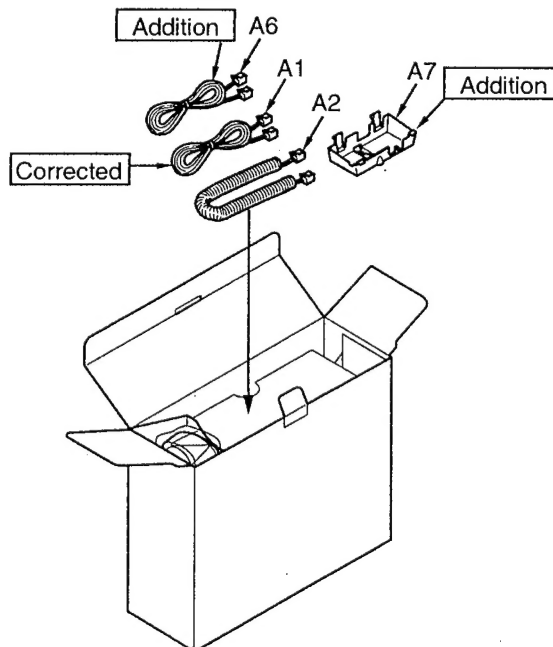
(KX-TS85SPW)

Ref. No.	Part No.		Part Name & Description	Pcs/ Set	Implementation	Suffix	Notes	
	Original	Supplement-1						
Base Unit								
PCB1	PQWP1TS85SPW	PQWP1TS85SPH	Main P.C.Board Ass'y (RTL)	1	1'st lot	A	7	X
L5	PQLQXE122J	-----	Coil	0	Jan. '2000	A	1	
C20	PQCUV1H562KB	-----	Capacitor,0.0056μF S	0	1'st lot	A	7	

Reason for Change \_\_\_\_\_  
Interchangeability Code \_\_\_\_\_

■ ACCESSORIES AND PACKING MATERIALS (Change from original page 7)

Ref. A1(shape of the plug) has been corrected from the original Service Manual.



(KX-TS85EXW)